Contents

Introduction

LexEVS provides a robust and scalable open source implementation of EVS-compliant vocabulary services. In addition, LexEVS provides a flexible implementation for vocabulary storage and persistence and a standard tooling for load and distribution of vocabulary content.

Viewing Wiki Pages Offline

A more robust PDF generation is coming soon!

Currently we have included PDF versions of all the documents below. Also, if you have Adobe PDF already installed as a print source within a document you can choose the "Printable version" link in the bottom left corner and then print to PDF. Stay tuned for a future upgrade of PDF capabilities with improved formatting.

Useful Links

- Learning about LexEVS
- Getting Started with LexEVS 5.0
- LexGrid/LexBIG (LexEVS) Background information
- Interacting with caCORE LexEVS

LexEVS 5.0 Boot Camp Presentations

The following presentations are from the LexEVS Boot Camp training courses. The Boot Camp was an intermediate/ advanced level hands-on training session that focused on understanding the terminology model as well as, how to use the LexEVS API in local, distributed, and grid environments to develop efficient LexEVS-aware services and applications. There was a specific focus for anyone migrating from EVS 3.x/LexEVS 4.x to LexEVS 5.0.

Ia.LexEVS Architecture

Course objectives are to define the architecture components that are new in 5.0 and/or replace older components and discuss the architecture components that make up the local, distributed and grid environments

Ib.LexGrid Model

Course objectives are to understand the core structure and relations of the LexGrid Data Model and the LexBIG Service models; define the purpose of the LexBIG model in relation to the LexGrid model and the LexEVS API; discuss the model elements that are new in 2009 and/or changes from the previous model(s) and understand how those changes may affect legacy program implementation.

IIa.Loader Mapping

Course objective is to discuss how native format content is loaded into LexEVS

IIb.LexEVS API

Course objectives are to identify the different levels of the API and how to utilize them (core services, extensions, loaders, convenience methods, GUI); differentiate between the LexEVS environments and to identify which environment meets the user's needs (local, distributed, grid)

IIIa.Local LexEVS

Course objectives are to discuss the LexEVS API in a local environment; install and configure LexEVS for the local environment; perform local code implementation exercises; utilize LexEVS loader technology and to demonstrate the use of the lbGUI for loading and code implementation.

IIIb. LexEVS Distributed

Course objectives are to discuss the components required for installing a distributed environment; discuss the download and setup of LexEVS 5.0 for distributed environment and to provide hands-on code exercises.

IIIc. LexEVS Grid

Course objectives are to discuss the components required for installing a distributed environment; discuss the download and setup of LexEVS 5.0 for the caGrid Environment and to provide hands-on code exercises.

IVa. Query Optimization

Course objectives are to understand ways to optimize searching and processing results using Query Optimization in LexEVS 5.0 (Restrictions and resolution, Iterator Handling, Combinatorial Queries)

IVb. Migration Guide

Course objectives are to understand the differences between the new LexEVS 5.0 architecture and previous version of LexEVS (4.2) and EVS 3.x; learn how to change EVS code to LexEVS code via the highlights of our migration guide's method to method comparison between EVS and LexEVS;

Gain detailed knowledge of sample EVS to LexEVS migration by examining some example code and to master sample migration examples by doing some exercises in converting EVS code to LexEVS API calls.

IVc. ValueDomain Picklist

Course objectives are to understand and definte the core structure of Value Domain and Pick List Definitions of the LexGrid Model and to define all the Value Domain and Pick List services in LexEVS API.

IVd. Configuration Options

Course objectives are to demonstrate how to utilize the Coding Scheme Manifest to best configure LexEVS and customize content and to demonstrate ways to customize a LexEVS loader by using a loader preferences file.

User's Guides

Below are links to all of the new/updated documents for LexEVS 5.0. We've combined and updated documents from previous releases, as well as added new content, to streamline our documentation into the following user guides.

Release Notes

A detailed description of the features, bug fixes, and known issues in this release; also a release history.

Design and Architecture Guide

Explains the LexGrid model and the LexBig services.

Installation Guide

Outlines the supported configurations and technical installation instructions for LexGrid Enterprise Vocabulary Services for caBIG®.

Administration Guide

Environment configuration from the perspective of an existing installation.

Programmer's Guide

Explains the LexBig and LexGrid APIs and how to use the GUI.

Migration Guide

Instructions for migrating from previous versions of LexBIG/LexEVS to the new LexEVS 5.0.

Java Docs

Web-enabled and hosted LexEVS 5.0 Java Docs
Zip version of Java Docs

Primary Readme

Lists contents of the caCORE LexEVS v5.0 client, required library files, demo programs, and an Ant build script. Outlines requirements for installation, describes how to run test examples, and provides licensing information.

Source Readme
: Instructions for installing a local version of caCORE web-enabled LexEVS API v5.0 on a server machine. Outlines requirements for installation and provides licensing information.

LexEVS Supported Loaders
: List the loaders supported by LexEVS 5.0.

LexEVS Loader Mapping

LexGrid Source Mapping Guide

LexEVS Grid Service Design and Implementation

LexEVS API Code Examples

LexEVS caCore Code Examples

LexEVS caGrid Code Examples

LexEVS DataGrid Code Examples

LexEVS Rest Code Examples

PDF versions of User Guides

NOTE:	These files are provided as-is and are a snapshot in time when the release was made public. These files have been replaced by the wiki documentation and may not include changes that have been made to the wiki documentation.

LexEVS 5.0 Design and Architecture Guide

LexEVS 5.0 Installation Guide

LexEVS 5.0 Administration Guide

LexEVS 5.0 Programmer's Guide

LexEVS 5.0 Migration Guide